

console.py

```
1 def clear_console() -> None :
2     from os import system, name
3     if name == 'nt':
4         _ = system('cls')
5     else:
6         _ = system('clear')
7
8 def clear_screen() -> None :
9     print('\x1b[H\x1b[3J', end='')
10    print('\n'*64)
11    print('\x1b[H\x1b[3J', end='')
12
13
14 RESET_COLOR = '0'
15
16 FOREGROUND_COLORS = {
17     'black'      : '30',
18     'red'        : '31',
19     'green'      : '32',
20     'yellow'     : '33',
21     'blue'       : '34',
22     'purple'     : '35',
23     'cyan'       : '36',
24     'white'      : '37'
25 }
26 FOREGROUND_COLORS_STRONG = {
27     'black'      : '90',
28     'red'        : '91',
29     'green'      : '92',
30     'yellow'     : '93',
31     'blue'       : '94',
32     'purple'     : '95',
33     'cyan'       : '96',
34     'white'      : '97'
35 }
36
37 BACKGROUND_COLORS = {
38     'on_black'   : '40',
39     'on_red'     : '41',
40     'on_green'   : '42',
41     'on_yellow'  : '43',
42     'on_blue'    : '44',
43     'on_purple'  : '45',
44     'on_cyan'    : '46',
45     'on_white'   : '47'
46 }
47 BACKGROUND_COLORS_STRONG = {
48     'on_black'   : '100',
49     'on_red'     : '101',
50     'on_green'   : '102',
51     'on_yellow'  : '103',
52     'on_blue'    : '104',
53     'on_purple'  : '105',
54     'on_cyan'    : '106',
55     'on_white'   : '107'
56 }
```

```

57
58 def set_color(fg : str = None, bg : str = None) -> None:
59     if fg:
60         print(f"\x1b[{fg}m", end='')
61     if bg:
62         print(f"\x1b[{bg}m", end='')
63
64 def reset_color() -> None:
65     print(f"\x1b[{RESET_COLOR}m", end='')
66
67 def colored(*msgs : tuple[str], fg : str = None, bg : str = None) -> None:
68     set_color(fg, bg)
69     print(*msgs)
70     reset_color()
71
72 def as_colored(text : str, fg : str = RESET_COLOR, bg : str = RESET_COLOR) -> str :
73     return f"\x1b[{fg};;{bg}m{text}\x1b[0m"
74
75
76 # def error(msg : str) -> None :
77 #     print(f"\x1b[{FOREGROUND_COLORS['red']}m{msg}\x1b[0m")
78
79 def error(*msgs : tuple[str]) -> None:
80     colored(*msgs, fg=FOREGROUND_COLORS_STRONG['red'])
81
82 def as_error(text : str) -> str :
83     return as_colored(text, fg=FOREGROUND_COLORS_STRONG['red'])
84
85 # def alert(msg : str) -> None :
86 #     print(f"\x1b[{FOREGROUND_COLORS['yellow']}m{msg}\x1b[0m")
87
88 def alert(*msgs : tuple[str]) -> None:
89     colored(*msgs, fg=FOREGROUND_COLORS_STRONG['yellow'])
90
91 def as_alert(text : str) -> str :
92     return as_colored(text, fg=FOREGROUND_COLORS_STRONG['yellow'])
93
94
95 if __name__ == '__main__':
96     abc = 123
97     print(abc)
98     print(*[1, 2, 3, 4, 5])
99
100     alert(abc)
101     alert(abc, 'abc')
102
103     error(abc)
104     error(abc, 'abc')
105

```